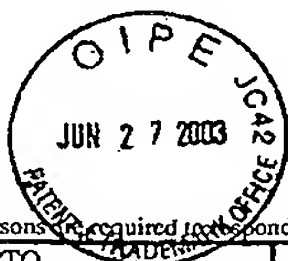


Please type a plus sign (+) inside this box → [+]



6-27-03

PTO/SB08A/B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 1

COMPLETE IF KNOWN

Application Number	10/027,646
Confirmation Number	1492
Filing Date	December 21, 2001
First Named Inventor	Saswati Datta et al.
Group Art Unit	1725
Examiner Name	
Attorney Docket Number	8821L\$

RECEIVED
JUN 30 2003
GROUP 1700

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
P.L.	—	US-5,549,780	08/27/1996	Koinuma et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
P.L.	—	EP 1 162 646 A2	12/12/2001	Yamazaki et al.		
P.L.	—	JP 05251198 (English abstract)	09/28/1993	Takehisa		
P.L.	—	WO 00/79843 A1	12/28/2000	Kim		
P.L.	—	WO 02/065820 A1	08/22/2002	Nam et al.		
P.L.	—	WO 02/099836 A1	12/12/2002	Yu et al.		

NON PATENT LITERATURE DOCUMENTS

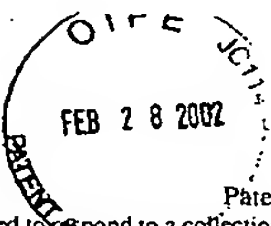
EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
EXAMINER	P. Hassanzadeh	DATE CONSIDERED 10-31-03	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Please type a sign (+) inside this box → (+)



2-28-02

PTO/SB08A (10-01)

Approved for use through 10/31/2002 OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 1

COMPLETE IF KNOWN

Application Number	10/027,646
Confirmation Number	
Filing Date	December 21, 2001
First Named Inventor	Saswati Datta et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	8821LS

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
PL		US-5,236,512	08/17/1993	Rogers et al.	
		US-5,387,842	02/07/1995	Roth et al.	
		US-5,403,453	04/04/1995	Roth et al.	
		US-5,671,045	09/23/1997	Woskov et al.	
		US-5,961,772	10/05/1999	Selwyn	
		US-6,005,349	12/21/1999	Kunhardt et al.	
		US-6,081,329	06/27/2000	Cohn et al.	
		US-6,262,523 B1	07/17/2001	Selwyn et al.	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ² Number ³ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
PL		WO 01/44790 A1	06/21/2001	Korfiatis et al.		
PL		DE 19605226 A1	08/14/1997	Gericke et al.		X
PL		JP 2001-159074	06/12/2001	Kataoka Seiichi		X

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
PL		TAKAKI, et al., "Multipoint Barrier Discharge Process for Removal of NOx from Diesel Engine Exhaust", IEEE TRANSACTIONS ON PLASMA SCIENCE, Vol 29, No. 3, June 2001.	
PL		BAYER, et al., "Overall kinetics of SiO _x remote-PECVD using different organosilicon monomers", SURFACE AND COATINGS TECHNOLOGY 116-119 (1999), pp. 874-878.	
PL		KARCHES et al., "A circulating fluidized bed for plasma-enhanced chemical vapor deposition on powders at low temperatures", SURFACE AND COATINGS TECHNOLOGY 116-119 (1999) pp. 879-885.	
PL		ASTEX®, "Downstream Sources for Etch and Deposition," February 1, 1991, Applied Science Technology, Inc., Woburn, Mass.	
PL		ASTEX®, "Providing Innovation in Plasma, Power and Reactive Gases," Jan.-Feb., 2001, Applied Science Technology, Inc., Woburn, Mass.	
PL		AX7200, Atmospheric Plasma Torch instructions, received May, 2001.	
EXAMINER P. HASTONZOL		DATE CONSIDERED 10-31-03	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.